SONY

QTR-1, QTR-3, QTR-4 and COMPATIBLE QIC-WIDE DATA CARTRIDGE

Sony Travan™ and QIC-Wide (short length Travan compatible) data cartridges represent a significant evolution in the established QIC mini data cartridge format.

Both the Sony Travan and QIC-Wide technology products meet the demand for ever increasing data cartridge capacities by employing .315 inch wide tape resulting in a substantially lower cost per megabyte than other 2000 Series products.

With Sony, QIC-Wide technology, the end-user has the flexibility of choosing a lower capacity cartridge ideally suited for applications of a lesser capacity.

- Up to 800MB compressed with QTR-1 and up to 420MB compressed with QW5122F
- Up to 3.2GB compressed with QTR-3 and up to 1.7GB compressed with QW3020XLF
- Up to 8.0GB compressed with QTR-4 and up to 4.0GB compressed with QW3095XLF

QTR-1, QTR-3, QTR-4 and COMPATIBLE QIC-Wide DATA CARTRIDGES

Product Characteristics

■ **Sony QIC-Wide** offers half the capacity of respective Travan™ cartridges and provides a cost solution for applications requiring less capacity. Ideal for daily PC backup, data interchange or file storage.
■ **QTR-1 offers a capacity of 800MB compressed** thanks to its unique cartridge design that allows for 750 ft of tape. Ideal for full weekly backups of PCs, workstations and even networks.
■ **QW5122F** is a compatible QIC-Wide cartridge with QTR-1.
■ **QTR-3 and QTR-4** offer a generous capacity of 3.2GB (QTR-3) and 8.0GB (QTR-4) compressed by utilizing a higher coercivity tape than QTR-1. Ideal for full weekly backups of PCs, workstations and networks.
■ **QW3020XLF and QW3095XLF** are compatible QIC-Wide cartridges with QTR-3 and QTR-4 respectively.
■ **Transfer rates of 62.5KB per second** on QTR-1 and QW5122F, save 100MB of data in under 27 minutes. QTR-3 and QW3020XLF with a transfer rate of 250KB per second save 100MB of data in under 7 minutes.
■ **.315 inch tape** has 26% more recording surface than standard Quarter Inch cartridges.
■ **Pre-formatted media** saves time and is ready for use.
■ **QIC Committee approved** and meets all QIC standards.

Reliability Features

■ **Pre-formatted media saves time,** is ready for use and ensures reliable performance.
■ **High precision mechanism** including machined aluminum baseplate help to reduce alignment errors.
■ **Anti-static components** help to dissipate static electricity for reliable performance.
■ **Premium grade magnetic tape** delivers measurably lower data corrupting drop-outs.

Specifications

	TRAVAN QIC-WIDE	QTR-1 QW5122F	QTR-3 QW3020XLF	QTR-4 QW3095XLF
General Characteristics				
Magnetic Material		$Co\gamma Fe_2O_3$	$Co\gamma Fe_2O_3$	$Co\gamma Fe_2O_3$
Recording Density bpmm (bpi)		578 (14,700bpi)*	1740 (44,250bpi)*	267 (67,733bpi)*
Number Of Tracks		36	50	72
Recording Capacity		400MB (QTR-1)	1.6GB (QTR-3)	4.0GB (QTR-4)
(formatted without compression)		208MB (QW5122F)	850MB (QW3020XLF)	2.0GB (QW3095XLF)
Data Transfer Rate KB/s		62.5*	250*	600*
Tape Speed mps (ips)		0.86 (34.0 ips)*	0.57 (22.6 ips)*	1.75 (69 ips)*
Magnetic Characteristics				
Residual Magnetic Flux Density mT (G)		110 (1,100 gauss)	145 (1,450 gauss)	145 (1,450 gauss)
Coercive Force kA/m		43.6 (550 Oe)	71.3 (900 Oe)	71.3 (900 Oe)
Physical Characteristics				
Tape Thickness (µm)		7.5	7.5	7.5
Coating Thickness (mm)		1.5	1.5	1.5
Base Thickness (µm)		4.5	4.5	4.5
Base Coating Tickness (µm)		1.5	1.5	1.5
Minimum Tape Length m (feet)		229 (750 feet) QTR-1 122 (400 feet) QW5122F	229 (750 feet) QTR-3 122 (400 feet) QW3020XLF	229 (750 feet) QTR-4 122 (400 feet) QW3095XLF
Environmental Requirements				
Operating Conditions		41-113° F (5-45° C) 20-80% RH**	41-113° F (5-45° C) 20-80% RH**	41-113° F (5-45° C) 20-80% RH**
Storage Conditions		41-113° F (5-45° C) 20-80% RH**	41-113° F (5-45° C) 20-80% RH**	41-113° F (5-45° C) 20-80% RH**
Transportation Conditions		-40-113° F (-40-45° C) 20-80% RH**	-40-113° F (-40-45° C) 20-80% RH**	-40-113° F (-40-45° C) 20-80% RH**
Drive Compatibility* **		HP CMS T-1000, Seagate TapeStor 800, Iomega Ditto 800 and other TR-1 drives.	Seagate TapeStor 3200, Iomega ditto 3200 HP CMS T-3000 and other TR-3 drives.	Seagate TapeStor 8000, HP CMS T-4000 and other TR-4 drives.

* Values are drive and data dependent.
** No moisture shall condense in or on the cartridge. Maximum wet bulb temperature 26°C (79°F)
*** Partial listing only.

© 1996 Sony Electronics Inc. All rights reserved.
Reproduction in whole or in part without written permission the QW logo is prohibited. Features and specifications subject to change without notice. Sony is a trademark of Sony.
Travan is a trademark of 3M.

SONY

Sony Data Media Products
Recording Media Energy Europe
15, rue Floréal - 75017 Paris - France
Tel : +33 01 40 87 30 00

QIC-WIDE

This symbol identifies QIC-WIDE cartridges made exclusively for data. For best results, use only cartridges bearing this mark.

Printed in EEC
DM0396 QTR: 86421456